

Work Order ID 115514

April-02-14 11:16:08 AM

115514

Page 1

Item ID: D3391-025

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Aft Tube Assembly

Stop

NS2

Start Date: 4/02/14 Start Qty: 1.00

1

Cust Item ID:

Required Date: 4/16/14 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: MUS

Date: 14-04-02

Tooling: _____

Date: _____

Run Start

NR1

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D3391	I

100

0.00

100

MORI SEIKI CNC LATHE LARGE

Mori Seiki

Mori Seiki CNC Lathe Large

Memo

0.00

Turn as per Folio FA599 Rev: A4 & Dwg D3391 Rev: H

14 14-04-03

****REMOVE STEADY REST AND MACHINING MARKS****

110

QC2- Inspect parts off machine FAI/FAIB

0.00

110

QC

Quality Control

Memo

0.00

14 14-04-05

112

QC5- Inspect part completeness to step on W/O

0.00

112

QC

Quality Control

Memo

0.00

JH
M14/23

Work Order ID 115514

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115514

Page 2

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N900040100

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Revision ID:

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Start Date: 4/02/14 Start Qty: 1.00

1

Cust Item ID:

Required Date: 4/16/14 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

120

DAS

120

14

HAAS 1

9-89

HAAS CNC VERTICAL MACHINING #1

0.00

anL 14/04/27

1

0

HAAS CNC vertical machine #1

Memo

0.00

1-Machine as per Folio FA 599 Rev: A4 & Dwg D3391 Rev: I
2-Deburr

130

DAS

130

14

QC

9-89

Quality Control

0.00

anL 14/04/27

1

0

140

DAS

140

44

QC

14/04/28

Quality Control

0.00

1

0

Memo

0.00

INSPECT INSIDE BORE

240
A1
26-2

240
A1
26-2

240
A1
26-2

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Page 3

Item ID: D3391-025

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Setup Start

NS1

Revision ID:

Item Name: Aft Tube Assembly

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Start Date: 4/02/14 Start Qty: 1.00

1

Cust Item ID:

Required Date: 4/16/14 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150 *150* Skidtubes	Skidtubes Memo	0.00 0.00							04/14/29
	1-Drill (PILOT HOLE) aft cap holes per Dwg D3391 using DT8803								

160

160

CNC Bend 1

CNC Delta 100 Bender

BENDING MACHINE - SKIDTUBES

Memo

0.00

0.00

04/14/29

Form as per Dwg D3391 Using Bend Prog 3391025

170

170

QC

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

Memo

0.00

DAS
03
989

D 14-4-29

H-4.16

W H M

W H M

Work Order ID 115514

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Item ID: D3391-025

Accept

N900040100

Setup

Start

NS1

Revision ID:

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NS2

Start Date: 4/02/14 Start Qty: 1.00

1

Cust Item ID:

Required Date: 4/16/14 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

180

180

Skidtubes

Skidtubes

0.00

0.00

Skidtubes

Memo
1-Open Aft cap pilot hole to .208" as per Dwg D3391

2-Drill float bag holes using DT8809 as per Dwg D3391(Holes marked "A" Only.)

3-Drill wearplate holes as per Dwg D3391 using DT8878(Mid Tube) & DT8217
Wearplate Jig.

*****Do Not Open To Finished Size*****

4-Drill Wearshoe holes as per DWG D3391 using DT8939 locating from 2
previously drilled aft wearplate holes.

5-Open wearplate holes to 0.297" and c'bore as per dwg D3391

6-Open up all float bag holes to 0.328" and c'sink as per Dwg D3391.

7-Deburr

8- Scribe batch # on fwd end

04/14/05/13

26

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Page 5

Item ID: D3391-025

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Aft Tube Assembly

Stop

NS2

Start Date: 4/02/14 Start Qty: 1.00

1

Cust Item ID:

Required Date: 4/16/14 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

190

QC5- Inspect part completeness to step on W/O

0.00

SHP
14/5/14

190

QC

Quality Control

200

Chemical Conversion Coat per QSI005 4.1

0.00

DC 14/05/14

200

HandFinish

Hand Finishing

210

QC7-Inspect Chemical Conversion Coat

0.00

DJ 14-5-14

210

QC

Quality Control

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Item ID: D3391-025

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Aft Tube Assembly

Stop

NS2

Start Date: 4/02/14 Start Qty: 1.00

1

Cust Item ID:

Required Date: 4/16/14 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run

Start

NR1

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

220

220

Skidtubes

Skidtubes

Memo

0.00

02/14/05/14

1- Instal spacers as per dwg D3391
A/R Magnabond 6398 Batch: 102172
exp. date: 14/12/13
cure time 12hrs as per QSI0015

2- Grind crossbolts flush

3- Back drill using #9 drill

4- Touchup Magnabond

5- Deburr

02/14/05/15

230

QC5- Inspect part completeness to step on W/O

0.00

Stop
NS/S

230

QC

Quality Control

Memo

0.00

Work Order ID 115514***115514***

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April-02-14 11:16:08 AM

Item ID:	D3391-025	Accept	*N900040100*	Setup	Start	*NS1*	
Revision ID:							
Item Name:	Aft Tube Assembly				Stop	*NS2*	
Start Date:	4/02/14	Start Qty:	1.00	*1*	Cust Item ID:		
Required Date:	4/16/14	Req'd Qty:	1.00	*1*	Customer:		
Reference:							
Approvals:	Process Plan:	Date:	Tooling:	Date:	Run	Start	*NR1*
	QC:	Date:	SPC (Y/N):	Date:	Stop		*NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
235 *235* HandFinish	Pressure Wash per QSI005 4.3	0.00							<u>1</u> <u>4/14-5-26</u>
	Memo	0.00							
	AND REALODINE AS PER PAR09-043								
240 *240* Powdercoat	White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum	0.00							<u>14</u> <u>4/14-7-14</u>
	<u>1138959</u>								
	Memo	0.00							
	START TIME: <u>10:15</u>								
	OVEN TEMPERATURE: <u>380</u>								
	FINISH TIME: <u>04:55</u>								
250 *250* QC	QC3- Inspect Part Finish	0.00							<u>14</u> <u>4/14-10-15</u>
	Memo	0.00							
	Quality Control								

DAS 34 9.89

DAS
15
9.89

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115514

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Item ID: D3391-025

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Aft Tube Assembly

Stop

NS2

Start Date: 4/02/14 Start Qty: 1.00

1

Cust Item ID:

Required Date: 4/16/14 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

260

260

HandFinish

HandFinishing

0.00

1x cf 20 1407/15 ✓

Memo

0.00

- ✓ 1-Install inserts as per Dwg D3391
- ✓ 2-Install Aft Cap as per Dwg D3391
- ✓ A/ R Sikaflex-241/-291 AA179457
- ✓ Sikaflex expiry date: 14/11
- ✓ 3- INSTALL WEARPLATES AS PER DWG

DAS
27
4.89
M7/16

270

270

QC

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

Memo

0.00

280

280

Packaging

Packaging

Identify as per dwg & Stock Location: 1010

0.00

D412-742-043/B115491

1x cf 20 1407/15

Memo

0.00

Work Order ID 115514

115514

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April-02-14 11:16:08 AM

Item ID: D3391-025 Accept *N900040100* Setup Start *NS1*

Revision ID:

Item Name: Aft Tube Assembly Stop *NS2*

Start Date: 4/02/14 Start Qty: 1.00 *1*

Cust Item ID:

Required Date: 4/16/14 Req'd Qty: 1.00 *1*

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
290	QC21- Final Inspection - Work Order Release	0.00							MW 14-07-16
2Q0	Memo	0.00							

QC

Quality Control

Picklist Print

April-02-14 11:16:12 AM

Page 1

Work Order ID: 115514

115514
D3391-025

Parent Item: D3391-025

Parent Item Name: Aft Tube Assembly

Start Date: 4/02/14

Required Date: 4/16/14

Start Qty: 1.00

Required Qty: 1.00

Comments:

IPP Rev B 06-02-07 ECN773 dwg rev. D EC
IPP Rev:C 06-03-28 Update Manuf. Instructions JLM
IPP rev D 07.03.20 revF dwg EC
IPP rev E 07.11.07 rev G dwg ecn 1053p EC verified by: DD
IPP Rev:F 07-11-13 ECN 1056 DD verified by: EC
IPP Rev:G 08-09-10 revH as per dwg DD verified by:EC IPP Rev:H
11.11.14 AS PER REV.I DD verified by:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4095-047		Manufactured	No			260	Each	18.0000	1	1		LL	110715

D4095-047

Wearpad Assembly

Location	Loc Qty	Loc Code
FP001	18	
102241	2	
108289	16	V1

D4095-049

D4095-049

Wearpad Assembly

Location	Loc Qty	Loc Code
FP001	12	
109670	12	X1
FP002	1	
102216	1	

D6014-090

D6014-090

ALUMINUM EXTRUSION

Location	Loc Qty	Loc Code
LG003	69	
79742	17	
86063	52	L mm 14/04/12

Picklist Print

Page 2

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Work Order ID: 115514

115514
D3391-025

Parent Item: D3391-025

Parent Item Name: Aft Tube Assembly

Start Date: 4/02/14

Required Date: 4/16/14

Start Qty: 1.00

Required Qty: 1.00

D3670-4-200

Manufactured No 230 Each 300.0000

4

4

**

dc14/05/14

D3670-4-200

Bushing

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
FG	10	
87709	10	
LG001	290	
103880	39	
109108	242	
96240	9	

D2646

Manufactured No 270 Each 75.0000

1

1

**

dc14/05/15

D2646

Aft Cap

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
FG	4	
85848	2	
90495	2	
FP001	71	
103306	14	
107857	1	
110816	18	
113830	38	X1

Picklist Print

Page 3

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Work Order ID: 115514

115514
D3391-025

Parent Item: D3391-025

Parent Item Name: Aft Tube Assembly

Start Date: 4/02/14

Required Date: 4/16/14

Start Qty: 1.00

Required Qty: 1.00

D3672-1

Manufactured No

270

Each

1,420.000

2

2

**

ML ul0715

D3672-1

Phenolic Washer

Location	Loc Qty	Loc Code
FG	10	
85222	10	
ST060	1410	
103845	4	
112218	500	
113581	500	
93886	224	
<u>99099</u>	182	X 2

ALS4-1032-130

AELS4-1032-130 Purchased

No

260

Each

9,937.000

14

14

**

ML ul0715

AI S4-1032-130

Rivnut

Location	Loc Qty	Loc Code
FP001	9832	
M128649	9832	X 14
ST279	48	
M128211	48	
st510	57	
M126109	57	

Picklist Print

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Work Order ID: 115514

115514
D3391-025

Parent Item: D3391-025

Parent Item Name: Aft Tube Assembly

Start Date: 4/02/14

Required Date: 4/16/14

Start Qty: 1.00

Required Qty: 1.00

ALS4-1032-225

AELS8-1032-225 Purchased

No

270

Each

1,490.000

8

8

**

LL 110715

AI S4-1032-225

Rivnut

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-----------------	----------------	-----------------

FG	30	
M127028	30	
FP001	1000	
M128649	1000	
ST280	426	
M127028	10	
<u>M128179</u>	416	X8
st555	34	
M127092	34	

AN3C4A

Purchased

No

270

Each

2,208.000

6

6

**

LL 110715

AN3C4A

Bolt

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-----------------	----------------	-----------------

FG	20	
122814	20	X128879
ST350/513	1000	
M128606	1000	
ST512	3	
124221	3	
ST513	1185	
125388	122	
M127410	1	
M127832	62	
M128634	1000	

Picklist Print

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Work Order ID: 115514

115514
D3391-025

Parent Item: D3391-025

Parent Item Name: Aft Tube Assembly

Start Date: 4/02/14

Required Date: 4/16/14

Start Qty: 1.00

Required Qty: 1.00

AN3C5A

Purchased No

270 Each

705.0000

4

4

**

all w/o 7/15***AN3C5A***

Bolt

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>	
FG	5	M128411	V4
122800	5		
ST350	700		
M128057	700		

NAS1149C0332R

Purchased No

270 Each

9,644.000

10

10

**

all w/o 7/15***NAS1149C0332R***

WASHER

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>	
GA	1005	M129499	V10
125654	1005		
ST292	4968		
m128591	4968		
st510	3671		
m126319	61		
m127306	2500		
m127410	1084		
m127831	26		

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____

Date: _____

Work Order update only

Work Order: _____	DISPOSITION	AGAINST DEPARTMENT/PROCESS							
Part No. _____	Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
NCR No. _____	Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
	Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
	Suspected Unapproved <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY									
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/> Pressure/Forced Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled	<input type="checkbox"/> Other				

DART AEROSPACE LTD	Work Order:	115514
Description: Float Skidtube (412)	Part Number:	D3391-3
Inspection Dwg: D3391 Rev: I		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

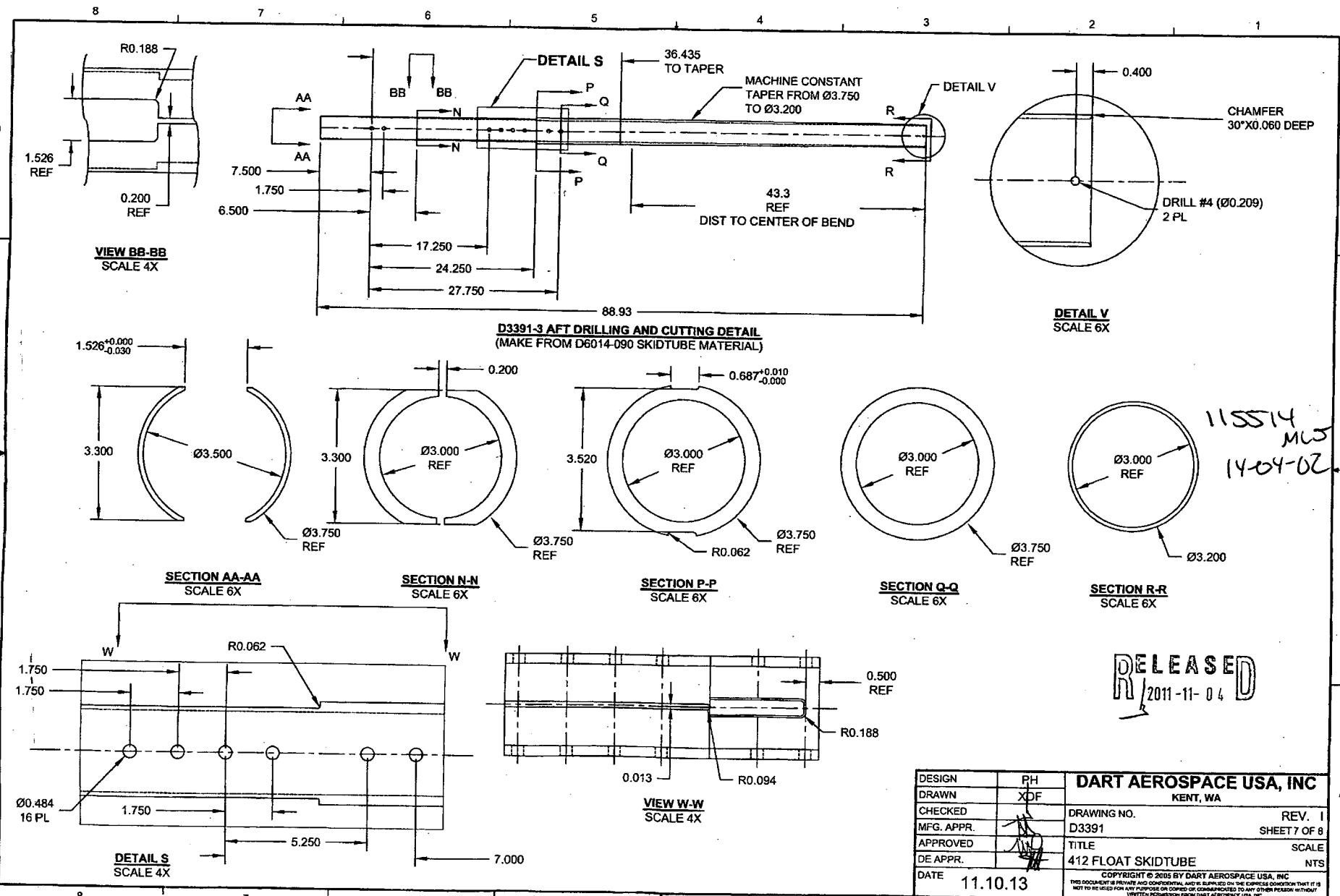
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Lathe Section						
14.000	+/-0.010	14.000	/			
3.500	+/-0.010	3.508	/			
Ø3.200	+/-0.010	3.203	/			
Ø3.750	+/-0.010	3.750	-			
30° x 0.060 chamfer	+/-0.010	30° x .060	/			
88.93	+/-0.030	88.93	/			

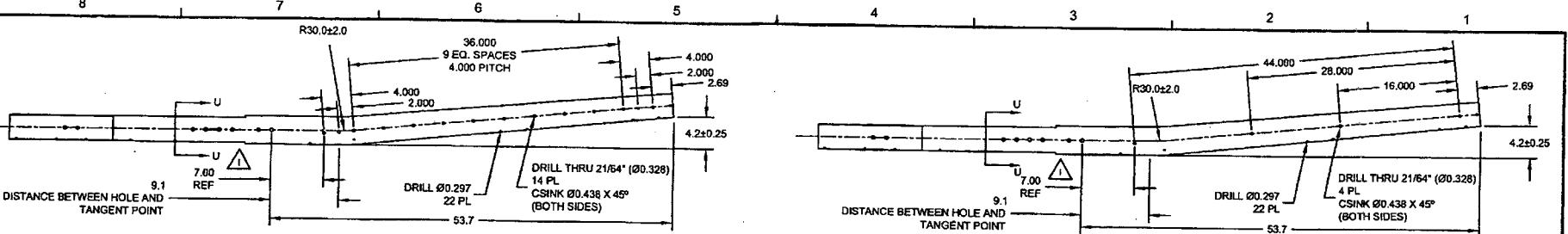
Measured by:	MKL	Date:	11/04/06
Audited by:	14/4/06	Date:	14/4/06

HAAS Section						
1.526	+0.000/-0.030	1.515	/		Vern	ML-06
7.500	+/-0.010	7.500	/		"	
27.750	+/-0.010	27.750	/		M-tape	ML-08
31.750	+/-0.010	31.750	/		"	
35.250	+/-0.010	35.250	/		"	
3.300	+/-0.010	3.305	/		Vern	ML-06
0.200	+/-0.010	200	/		"	
3.520	+/-0.010	3.575	/		"	
0.687	+0.010/-0.000	690	/		"	
R0.062	+/-0.010	R0.062	/		R-L	
Ø0.484	+0.005/-0.001	Ø.485	/		Vern	ML-02

Measured by:	MKL	Date:	14/04/22
Audited by:	FK	Date:	14/04/22

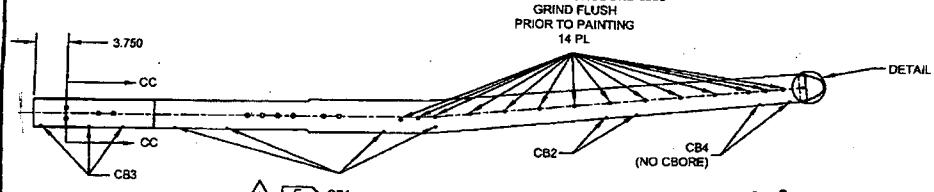
Rev	Date	Change	Revised by	Approved
A	06.04.24	New Issue P/O D3391-015/-025	KJ/JLM	
B	06.06.19	Dwg revision update	KJ/JLM	
C	07.04.20	Ø0.208 dimension removed	KJ/JLM	
D	07.09.06	0.400 dimension removed	KJ/JLM	
E	07.11.23	Dwg Rev. updated	KJ/EC/DD	
F	09.04.27	Dimensions updated per Rev H and NCR09-028	KJ/JLM	
G	09.11.16	Dimension 0.200 removed	KJ	
H	11.06.21	Dimension 44.995 removed	KJ	
I	12.05.15	Dwg Rev updated	KJ	
J	12.05.23	Dimension updated	KJ	
K	12.10.15	88.93 dimension removed	KJ	
L	12.11.28	88.93 dimension added	KJ	





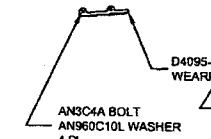
D3391-015 BENDING AND DRILLING DETAIL
(SEE CBORE DETAIL BELOW)

INSTALL D3670-4200 SPACER
SEAL WITH MAGNOBOND 6398
GRIND FLUSH
PRIOR TO PAINTING
14 PL



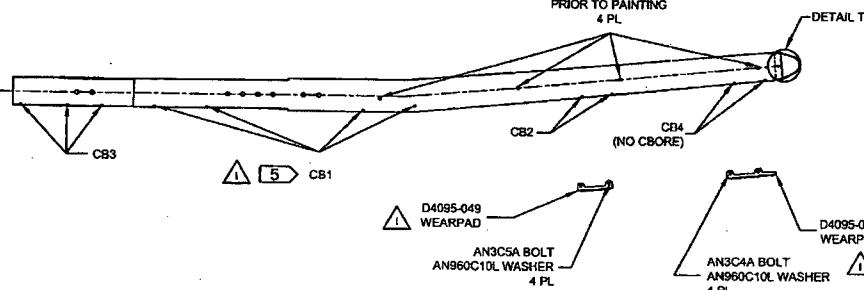
D3391-015 ASSEMBLY AND CBORE DETAIL
(SEE TABLE)

AN3C5A BOLT
AN960C10L WASHER
4 PL

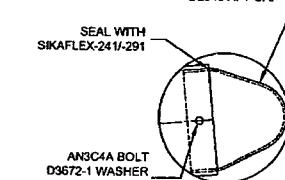


D3391-025 BENDING AND DRILLING DETAIL
(SEE CBORE DETAIL BELOW)

INSTALL D3670-4200 SPACER
SEAL WITH MAGNOBOND 6398
GRIND FLUSH
PRIOR TO PAINTING
4 PL



D3391-025 ASSEMBLY AND CBORE DETAIL
(SEE TABLE)

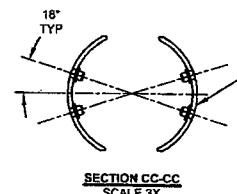
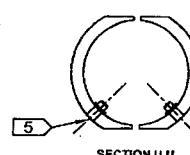


D3391-015/-025 AFT TUBE ASSEMBLY PARTS LIST

QTY - 015	QTY - 025	PART NUMBER	DESCRIPTION
X		D3391-015	AFT TUBE ASSEMBLY
X		D3391-025	AFT TUBE ASSEMBLY
1	1	D2646	AFT CAP
14	4	D3670-4200	SPACER
2	2	D3672-1	WASHER
1	1	D4095-049	WEARPAD
1	1	D4095-047	WEARPAD
1	1	D8014-90	AFT TUBE
14	14	AELS-1032-130	INSERT
8	8	AELS-1032-225	INSERT
4	4	ALS4-428-165	INSERT
6	6	AN3C4A	BOLT
4	4	AN3C5A	BOLT
10	10	AN960C10L	WASHER

CBORE HOLES MARKED CB1-CB4 AS FOLLOWS AND
INSTALL AELS-1032-XXX AFTER FINISH AS NOTED

HOLE MARKED	QTY D3391-015	QTY D3391-025	CBORE	P/N
CB1	8	8	Ø0.430 X 0.170	AELS-1032-225
CB2	4	4	Ø0.430 X 0.170	AELS-1032-130
CB3	6	6	Ø0.430 X 0.040	AELS-1032-130
CB4	4	4	NONE	AELS-1032-130



RELEASED
2011-11-04

DESIGN	PH	DART AEROSPACE USA, INC	
DRAWN	XDF	KENT, WA	
CHECKED		DRAWING NO.	
MFG. APPR.		REV. 1	
APPROVED		D3391	
DE APPR.		SHEET 8 OF 8	
DATE	11.10.13	TITLE	
		SCALE	
		412 FLOAT SKIDTUBE	
		NTS	

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